PTO/SB/05 (03-01) Approved for use through 10/31/2002 OMB 0651-0032 U.S. Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE

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UTILITY PATENT APPLICATION TRANSMITTAL

Please type a plus sign (+) inside this box -

TI-32986 Attorney Docket No. Magee, et al. First Inventor SIMPLIFIED NOISE ESTIMATION AND/OR...

ET800620519US Express Mail Label No. (Only for new nonprovisional applications under 37 CFR 1.53(b)) Assistant Commissioner for Patents APPLICATION ELEMENTS ADDRESS TO: Box Patent Application Washington, DC 20231 See MPEP chapter 600 concerning utility patent application contents. Fee Transmittal Form (e.g., PTO/SB/17) CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix) (Submit an original and a duplicate for fee processing) 8. Nucleotide and/or Amino Acid Sequence Submission Applicant claims small entity status. See 37 CFR 1.27. (if applicable, all necessary) specification [Total Pages 28 | Pages/Indian Security 1997 | Pages/Indian Computer Readable Form (CRF) 3. b. Specification Sequence Listing on: - Descriptive title of the invention - Cross Reference to Related Applications CD-ROM or CD-R (2 copies); or - Statement Regarding Fed sponsored R & D - Reference to sequence listing, a table, i i. 🔲 or a computer program listing appendix Statements verifying identity of above copies - Background of the Invention Brief Summary of the InventionBrief Description of the Drawings (if filed) ACCOMPANYING APPLICATION PARTS Assignment Papers (cover sheet & document(s)) \ - Detailed Description - Claim(s) Power of 37 CFR 3.73(b) Statement 10. - Abstract of the Disclosure Attorney (when there is an assignee) English Translation Document (if applicable) Drawing(s) (35 U.S.C. 113) [Total Sheets 1 Copies of IDS Citations Information Disclosure 12. [Total Pages Statement (IDS)/PTO-1449 5. Oath or Declaration Preliminary Amendment 13. Newly executed (original or copy) Copy from a prior application (37 CFR 1.63 (d)) (for continuationIdivisional with Box 18 completed) Return Receipt Postcard (MPEP 503) 14. (Should be specifically itemized) Certified Copy of Priority Document(s) (if foreign priority is claimed) DELETION OF INVENTOR(S) Signed statement attached deleting inventor(s) Nonpublication Request under 35 U.S.C. 122 named in the prior application, see 37 CFR 16. (b)(2)(B)(i). Applicant must attach form PTO/SB/35 1.63(d)(2) and 1.33(b). or its equivalent. Application Data Sheet. See 37 CFR 1.76 18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76: Divisional Continuation-in-part (CIP) of pnor application No ____ Continuation Group Art Unit For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts. 19. CORRESPONDENCE ADDRESS 23494 Correspondence address below Customer Number or Bar Code Label i Customer No, or Allach bar code label he Name Address Zip Code State City 972-917-4418 972-917-5646 Fax Telephone Country Registration No. (Attorney/Agent) 43,660 Christopher P. Harris Name (Print/Type) October 19, 2001 Date Signature

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231, DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS SEND TO. Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.

PTO/SB/17 (10-01)
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FEE TRANSMITTAL for FY 2002 Patent fees are subject to annual revision.		Complete if Known			
		Application Number			
		Filing Date			
		First Named Inventor	David Patrick Magee		
		Examiner Name			
·		Group Art Unit			
TOTAL AMOUNT OF PAYMENT	(\$) 1,248.00	Attorney Docket No.	TI-32986		

TOTAL AMOUNT OF PAYMENT (\$) 1,248.00	Attorney Docket No. TI-32986						
METHOD OF PAYMENT	FEE CALCULATION (continued)						
The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to: Deposit Account 20-0668	3. ADDITIONAL FEES Large Small Entity Entity						
Number 20-000	Fee Fee Fee Fee Fee Description	Fee Paid					
Account Name Texas Instruments Incorporated	105 130 205 65 Surcharge - late filing fee or oath						
Charge Any Additional Fee Required Under 37 CFR 1.16 and 1 17	127 50 227 25 Surcharge - late provisional filing fee or cover sheet						
Applicant claims small entity status. See 37 CFR 1 27	139 130 139 130 Non-English specification						
2. Payment Enclosed:	147 2,520 147 2,520 For filing a request for ex parte reexamination						
Check Credit card Money Other	112 920* 112 920* Requesting publication of SIR prior to Examiner action						
FEE CALCULATION	113 1,840* 113 1,840* Requesting publication of SIR after Examiner action						
1. BASIC FILING FEE	115 110 215 55 Extension for reply within first month						
Large Entity Small Entity	116 400 216 200 Extension for reply within second month						
Fee Fee Fee Fee Description Code (\$) Code (\$) Fee Paid	117 920 217 460 Extension for reply within third month						
101 740 201 370 Utility filing fee 740.00	118 1,440 218 720 Extension for reply within fourth month						
106 330 206 165 Design filing fee	128 1,960 228 980 Extension for reply within fifth month						
107 510 207 255 Plant filing fee	119 320 219 160 Notice of Appeal						
108 740 208 370 Reissue filing fee	120 320 220 160 Filing a brief in support of an appeal						
114 160 214 80 Provisional filing fee	121 280 221 140 Request for oral hearing						
,	138 1,510 138 1,510 Petition to institute a public use proceeding						
SUBTOTAL (1) (\$) 740.00	140 110 240 55 Petition to revive - unavoidable						
2. EXTRA CLAIM FEES	141 1,280 241 640 Petition to revive - unintentional						
Fee from Ext <u>ra Claims below</u> Fee Paid	142 1,280 242 640 Utility issue fee (or reissue)						
Total Claims 32 -20** = 12 X 18.00 = 216.00	143 460 243 230 Design issue fee						
Independent 6 - 3** = 3 × 84.00 = 252.00	144 620 244 310 Plant issue fee						
Multiple Dependent =	122 130 122 130 Petitions to the Commissioner						
	123 50 123 50 Processing fee under 37 CFR 1 17(q)						
Large Entity Small Entity Fee Fee Fee Fee Description	126 180 126 180 Submission of Information Disclosure Stmt						
Code (\$) Code (\$) 103 18 203 9 Claims in excess of 20	581 40 581 40 Recording each patent assignment per property (times number of properties)	40.00					
102 84 202 42 Independent claims in excess of 3	146 740 246 370 Filing a submission after final rejection						
104 280 204 140 Multiple dependent claim, if not paid	(37 ČFR § 1 129(a))						
109 84 209 42 ** Reissue independent claims over original patent	149 740 249 370 For each additional invention to be examined (37 CFR § 1 129(b))						
110 18 210 9 ** Reissue claims in excess of 20	179 740 279 370 Request for Continued Examination (RCE)						
and over original patent	169 900 169 900 Request for expedited examination of a design application						
SUBTOTAL (2) (\$) 468.00	Other fee (specify)						
**or number previously paid, if greater; For Reissues, see above	*Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$\\$) 40.00						

SUBMITTED BY		Complete (if applicable)			
Name (Print/Type)	Christopher P. Harris	Registration No. (Attorney/Agent)	43,660	Telephone	216.696.8730
Signature	Christiph P. Han			Date	October 19, 2001

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